

Global R-134A Refrigerant Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global R-134A Refrigerant market size was valued at USD 142.1 million in 2023 and is forecast to a readjusted size of USD 84 million by 2030 with a CAGR of -7.3% during review period.

1,1,1,2-Tetrafluoroethane (also known as norflurane (INN), R-134a, Freon 134a, Forane 134a, Genetron 134a, Florasol 134a, Suva 134a, or HFC-134a) is a hydrofluorocarbon (HFC) and haloalkane refrigerant with thermodynamic properties similar to R-12 (dichlorodifluoromethane) but with insignificant ozone depletion potential and a significantly lower global warming potential (1,430, compared to R-12's GWP of 10,900). It has the formula CF_3CH_2F and a boiling point of $-26.3\text{ }^{\circ}C$ ($-15.34\text{ }^{\circ}F$) at atmospheric pressure. R-134a cylinders are colored light blue. Attempts at phasing out its use as a refrigerant with substances that have lower global warming potential, such as HFO-1234yf, are underway.

The Global Info Research report includes an overview of the development of the R-134A Refrigerant industry chain, the market status of Household air conditioner (OEM, Aftermarket), Automobile air-conditioning (OEM, Aftermarket), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of R-134A Refrigerant.

Regionally, the report analyzes the R-134A Refrigerant markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global R-134A Refrigerant market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the R-134A Refrigerant market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the R-134A Refrigerant industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., OEM, Aftermarket).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the R-134A Refrigerant market.

Regional Analysis: The report involves examining the R-134A Refrigerant market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the R-134A Refrigerant market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to R-134A Refrigerant:

Company Analysis: Report covers individual R-134A Refrigerant manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards R-134A Refrigerant This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Household air

conditioner, Automobile air-conditioning).

Technology Analysis: Report covers specific technologies relevant to R-134A Refrigerant. It assesses the current state, advancements, and potential future developments in R-134A Refrigerant areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the R-134A Refrigerant market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

R-134A Refrigerant market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

OEM

Aftermarket

Market segment by Application

Household air conditioner

Automobile air-conditioning

Refrigeration Equipment

Other

Major players covered

Daikin

Chemours

Arkema

Dongyue Group

Zhejiang Juhua

Mexichem

Meilan Chemical

Sanmei

Sinochem Group

Linde A.G.

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe R-134A Refrigerant product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of R-134A Refrigerant, with price, sales, revenue and global market share of R-134A Refrigerant from 2019 to 2024.

Chapter 3, the R-134A Refrigerant competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the R-134A Refrigerant breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and R-134A Refrigerant market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of R-134A Refrigerant.

Chapter 14 and 15, to describe R-134A Refrigerant sales channel, distributors, customers, research findings and conclusion.

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